

n-Butane 58.12
n-Octane 114.23

Frame	Time	n-Butane		n-Octane		Alkane (ppb)	2-Sigma (ppb)	Mean Mol. Mass (g/mole)
		Concentration (ppb)	GOF (ppb)	Concentration (ppb)	GOF (ppb)			
1	11:57:26	N.D.	81.0	N.D.	44.0	N.D.	92.2	N.D.
2	11:58:46	N.D.	82.0	N.D.	45.0	N.D.	93.5	N.D.
3	12:00:03	N.D.	77.0	N.D.	42.0	N.D.	87.7	N.D.
4	12:01:19	N.D.	74.0	N.D.	41.0	N.D.	84.6	N.D.
5	12:02:34	N.D.	71.0	N.D.	39.0	N.D.	81.0	N.D.
6	12:03:51	N.D.	62.0	N.D.	34.0	N.D.	70.7	N.D.
7	12:05:08	N.D.	59.0	N.D.	32.0	N.D.	67.1	N.D.
8	12:06:24	N.D.	51.0	N.D.	28.0	N.D.	58.2	N.D.
9	12:07:41	N.D.	48.0	N.D.	26.0	N.D.	54.6	N.D.
10	12:08:58	N.D.	44.0	N.D.	24.0	N.D.	50.1	N.D.
11	12:10:16	N.D.	40.0	N.D.	22.0	N.D.	45.7	N.D.
12	12:11:33	N.D.	34.0	N.D.	19.0	N.D.	38.9	N.D.
13	12:12:49	N.D.	30.0	N.D.	17.0	N.D.	34.5	N.D.
14	12:14:06	N.D.	27.0	N.D.	15.0	N.D.	30.9	N.D.
15	12:15:23	N.D.	24.0	N.D.	13.0	N.D.	27.3	N.D.
16	12:16:38	N.D.	21.0	N.D.	12.0	N.D.	24.2	N.D.
17	12:17:55	N.D.	21.0	N.D.	11.0	N.D.	23.7	N.D.
18	12:19:12	N.D.	18.0	N.D.	10.0	N.D.	20.6	N.D.
19	12:20:27	N.D.	12.0	N.D.	6.7	N.D.	13.7	N.D.
20	12:21:42	N.D.	15.0	N.D.	8.3	N.D.	17.1	N.D.
21	12:22:59	N.D.	8.0	N.D.	4.4	N.D.	9.1	N.D.
22	12:24:16	N.D.	12.0	N.D.	6.7	N.D.	13.7	N.D.
23	12:25:33	N.D.	9.6	N.D.	5.3	N.D.	11.0	N.D.
24	12:26:48	N.D.	10.0	N.D.	5.6	N.D.	11.5	N.D.
25	12:28:06	N.D.	12.0	N.D.	6.5	N.D.	13.6	N.D.
26	12:29:22	N.D.	10.0	N.D.	5.7	N.D.	11.5	N.D.
27	12:30:38	N.D.	8.4	N.D.	4.6	N.D.	9.6	N.D.
28	12:31:54	N.D.	7.8	N.D.	4.3	N.D.	8.9	N.D.
29	12:33:10	N.D.	8.6	N.D.	4.8	N.D.	9.8	N.D.
30	12:34:26	N.D.	7.9	N.D.	4.4	N.D.	9.0	N.D.
31	12:35:43	N.D.	6.4	N.D.	3.5	N.D.	7.3	N.D.
32	12:37:00	N.D.	8.0	N.D.	4.4	N.D.	9.1	N.D.
33	12:38:15	N.D.	7.0	N.D.	3.8	N.D.	8.0	N.D.
34	12:39:32	N.D.	6.3	N.D.	3.5	N.D.	7.2	N.D.
35	12:40:49	17.2	6.1	N.D.	3.3	17.2	6.1	58.1
36	12:42:06	16.6	8.2	N.D.	4.5	16.6	8.2	58.1
37	12:43:23	18.9	7.0	N.D.	3.9	18.9	7.0	58.1
38	12:44:39	N.D.	6.6	N.D.	3.6	N.D.	7.5	N.D.
39	12:45:56	N.D.	5.6	N.D.	3.1	N.D.	6.4	N.D.
40	12:47:13	N.D.	5.9	N.D.	3.3	N.D.	6.8	N.D.
41	12:48:30	N.D.	8.4	N.D.	4.6	N.D.	9.6	N.D.
42	12:49:47	N.D.	7.5	N.D.	4.1	N.D.	8.5	N.D.
43	12:51:04	N.D.	6.1	N.D.	3.3	N.D.	6.9	N.D.
44	12:52:21	17.2	7.1	N.D.	3.9	17.2	7.1	58.1
45	12:53:38	N.D.	8.7	N.D.	4.8	N.D.	9.9	N.D.
46	12:54:56	N.D.	7.5	N.D.	4.1	N.D.	8.5	N.D.
47	12:56:13	N.D.	7.4	N.D.	4.1	N.D.	8.5	N.D.
48	12:57:28	N.D.	11.0	N.D.	6.0	N.D.	12.5	N.D.

Frame	Time	n-Butane		n-Octane		Alkane (ppb)	2-Sigma (ppb)	Mean
		Concentration (ppb)	GOF (ppb)	Concentration (ppb)	GOF (ppb)			Mol. Mass (g/mole)
49	12:58:45	N.D.	9.1	N.D.	5.0	N.D.	10.4	N.D.
50	13:00:02	N.D.	10.0	N.D.	5.8	N.D.	11.6	N.D.
51	13:01:20	N.D.	14.0	N.D.	7.5	N.D.	15.9	N.D.
52	13:02:36	N.D.	7.6	N.D.	4.2	N.D.	8.7	N.D.
53	13:03:52	N.D.	10.0	N.D.	5.5	N.D.	11.4	N.D.
54	13:05:08	N.D.	9.4	N.D.	5.2	N.D.	10.7	N.D.
55	13:06:25	N.D.	10.0	N.D.	5.5	N.D.	11.4	N.D.
56	13:07:42	N.D.	9.7	N.D.	5.4	N.D.	11.1	N.D.
57	13:08:59	N.D.	9.3	N.D.	5.1	N.D.	10.6	N.D.
58	13:10:16	N.D.	11.0	N.D.	6.3	N.D.	12.7	N.D.
59	13:11:33	N.D.	12.0	N.D.	6.5	N.D.	13.6	N.D.
60	13:12:50	N.D.	9.9	N.D.	5.5	N.D.	11.3	N.D.
61	13:14:07	N.D.	12.0	N.D.	6.4	N.D.	13.6	N.D.
62	13:15:24	N.D.	11.0	N.D.	6.3	N.D.	12.7	N.D.
63	13:16:42	N.D.	10.0	N.D.	5.8	N.D.	11.6	N.D.
64	13:17:58	N.D.	9.4	N.D.	5.2	N.D.	10.7	N.D.
65	13:19:15	N.D.	11.0	N.D.	6.0	N.D.	12.5	N.D.
66	13:20:32	N.D.	11.0	N.D.	6.3	N.D.	12.7	N.D.
67	13:21:49	N.D.	9.7	N.D.	5.3	N.D.	11.1	N.D.
68	13:23:06	N.D.	9.7	N.D.	5.3	N.D.	11.1	N.D.
69	13:24:22	N.D.	10.0	N.D.	5.6	N.D.	11.5	N.D.
70	13:25:39	N.D.	10.0	N.D.	5.6	N.D.	11.5	N.D.
71	13:26:56	N.D.	11.0	N.D.	6.1	N.D.	12.6	N.D.
72	13:28:13	N.D.	11.0	N.D.	6.0	N.D.	12.5	N.D.
73	13:29:28	N.D.	11.0	N.D.	6.1	N.D.	12.6	N.D.
74	13:30:45	N.D.	9.7	N.D.	5.3	N.D.	11.1	N.D.
75	13:32:01	N.D.	13.0	N.D.	6.9	N.D.	14.7	N.D.
76	13:33:18	N.D.	13.0	N.D.	6.9	N.D.	14.7	N.D.
77	13:34:35	N.D.	13.0	N.D.	7.1	N.D.	14.8	N.D.
78	13:35:52	N.D.	11.0	N.D.	6.0	N.D.	12.5	N.D.
79	13:37:08	N.D.	12.0	N.D.	6.6	N.D.	13.7	N.D.
80	13:38:25	N.D.	13.0	N.D.	7.1	N.D.	14.8	N.D.
81	13:39:42	N.D.	12.0	N.D.	6.8	N.D.	13.8	N.D.
82	13:40:58	N.D.	12.0	N.D.	6.5	N.D.	13.6	N.D.
83	13:42:14	N.D.	11.0	N.D.	5.9	N.D.	12.5	N.D.
84	13:43:31	N.D.	13.0	N.D.	7.3	N.D.	14.9	N.D.
85	13:44:48	N.D.	9.8	N.D.	5.4	N.D.	11.2	N.D.
86	13:46:05	N.D.	10.0	N.D.	5.6	N.D.	11.5	N.D.
87	13:47:22	N.D.	8.4	N.D.	4.6	N.D.	9.6	N.D.
88	13:48:39	15.1	7.5	N.D.	4.1	15.1	7.5	58.1
89	13:49:57	124.8	12.0	N.D.	6.6	124.8	12.0	58.1
90	13:51:13	52.3	10.0	N.D.	5.6	52.3	10.0	58.1
91	13:52:30	40.6	6.2	N.D.	3.4	40.6	6.2	58.1
92	13:53:47	15.6	5.7	N.D.	3.1	15.6	5.7	58.1
93	13:55:03	N.D.	7.0	N.D.	3.9	N.D.	8.0	N.D.
94	13:56:20	15.1	6.1	N.D.	3.4	15.1	6.1	58.1
95	13:57:39	21.3	5.3	N.D.	2.9	21.3	5.3	58.1
96	13:58:56	19.5	6.0	N.D.	3.3	19.5	6.0	58.1
97	14:00:13	11.3	5.2	N.D.	2.9	11.3	5.2	58.1
98	14:01:28	N.D.	5.3	N.D.	2.9	N.D.	6.0	N.D.
99	14:02:45	N.D.	5.4	N.D.	3.0	N.D.	6.2	N.D.
100	14:04:01	22.0	5.5	N.D.	3.0	22.0	5.5	58.1

Frame	Time	n-Butane		n-Octane		Alkane (ppb)	2-Sigma (ppb)	Mean
		Concentration (ppb)	GOF (ppb)	Concentration (ppb)	GOF (ppb)			Mol. Mass (g/mole)
101	14:05:18	16.9	6.0	N.D.	3.3	16.9	6.0	58.1
102	14:06:37	25.4	6.2	N.D.	3.4	25.4	6.2	58.1
103	14:07:54	28.7	6.7	N.D.	3.7	28.7	6.7	58.1
104	14:09:13	20.2	6.3	N.D.	3.5	20.2	6.3	58.1
105	14:10:29	N.D.	6.3	N.D.	3.5	N.D.	7.2	N.D.
106	14:11:47	N.D.	7.6	N.D.	4.2	N.D.	8.7	N.D.
107	14:13:06	N.D.	6.7	N.D.	3.7	N.D.	7.7	N.D.
108	14:14:23	N.D.	7.5	N.D.	4.1	N.D.	8.5	N.D.
109	14:15:40	N.D.	7.8	N.D.	4.3	N.D.	8.9	N.D.
110	14:16:59	N.D.	8.4	N.D.	4.6	N.D.	9.6	N.D.
111	14:18:17	N.D.	7.2	N.D.	4.0	N.D.	8.2	N.D.
112	14:19:34	N.D.	7.7	N.D.	4.2	N.D.	8.8	N.D.
113	14:20:52	N.D.	7.8	N.D.	4.3	N.D.	8.9	N.D.
114	14:22:10	N.D.	7.2	N.D.	4.0	N.D.	8.2	N.D.
115	14:23:27	N.D.	8.5	N.D.	4.7	N.D.	9.7	N.D.
116	14:24:44	N.D.	6.5	N.D.	3.6	N.D.	7.4	N.D.
117	14:26:01	N.D.	8.2	N.D.	4.5	N.D.	9.4	N.D.
118	14:27:20	N.D.	8.5	N.D.	4.7	N.D.	9.7	N.D.
119	14:28:37	N.D.	9.0	N.D.	5.0	N.D.	10.3	N.D.
120	14:29:53	N.D.	9.8	N.D.	5.4	N.D.	11.2	N.D.
121	14:31:11	N.D.	10.0	N.D.	5.7	N.D.	11.5	N.D.
122	14:32:29	N.D.	9.1	N.D.	5.0	N.D.	10.4	N.D.
123	14:33:47	N.D.	12.0	N.D.	6.6	N.D.	13.7	N.D.
124	14:35:06	N.D.	8.4	N.D.	4.6	N.D.	9.6	N.D.
125	14:36:23	N.D.	8.3	N.D.	4.6	N.D.	9.5	N.D.
126	14:37:40	N.D.	8.1	N.D.	4.5	N.D.	9.3	N.D.
127	14:38:57	N.D.	7.7	N.D.	4.2	N.D.	8.8	N.D.
128	14:40:14	N.D.	8.4	N.D.	4.6	N.D.	9.6	N.D.
129	14:41:31	N.D.	7.0	N.D.	3.8	N.D.	8.0	N.D.
130	14:42:48	N.D.	6.7	N.D.	3.7	N.D.	7.7	N.D.
131	14:44:06	15.7	7.1	N.D.	3.9	15.7	7.1	58.1
132	14:45:23	N.D.	6.0	N.D.	3.3	N.D.	6.8	N.D.
133	14:46:40	N.D.	6.3	N.D.	3.5	N.D.	7.2	N.D.
134	14:47:57	N.D.	7.2	N.D.	4.0	N.D.	8.2	N.D.
135	14:49:14	N.D.	7.7	N.D.	4.2	N.D.	8.8	N.D.
136	14:50:32	N.D.	6.2	N.D.	3.4	N.D.	7.1	N.D.
137	14:51:51	N.D.	7.1	N.D.	3.9	N.D.	8.1	N.D.
138	14:53:09	N.D.	7.2	N.D.	4.0	N.D.	8.2	N.D.
139	14:54:25	N.D.	6.0	N.D.	3.3	N.D.	6.8	N.D.
140	14:55:43	N.D.	6.4	N.D.	3.5	N.D.	7.3	N.D.
141	14:57:02	N.D.	5.6	N.D.	3.1	N.D.	6.4	N.D.
142	14:58:20	N.D.	5.7	N.D.	3.2	N.D.	6.5	N.D.
143	14:59:38	N.D.	5.4	N.D.	2.9	N.D.	6.1	N.D.
144	15:00:56	N.D.	7.3	N.D.	4.0	N.D.	8.3	N.D.
145	15:02:13	N.D.	6.1	N.D.	3.4	N.D.	7.0	N.D.
146	15:03:31	N.D.	6.5	N.D.	3.6	N.D.	7.4	N.D.
147	15:04:49	N.D.	6.2	N.D.	3.4	N.D.	7.1	N.D.
148	15:06:08	21.5	4.5	N.D.	2.5	21.5	4.5	58.1
149	15:07:26	10.4	5.0	N.D.	2.8	10.4	5.0	58.1
150	15:08:45	N.D.	5.0	N.D.	2.8	N.D.	5.7	N.D.
151	15:10:03	N.D.	6.5	N.D.	3.6	N.D.	7.4	N.D.
152	15:11:22	11.5	5.2	N.D.	2.9	11.5	5.2	58.1

Frame	Time	n-Butane		n-Octane		Alkane (ppb)	2-Sigma (ppb)	Mean
		Concentration (ppb)	GOF (ppb)	Concentration (ppb)	GOF (ppb)			Mol. Mass (g/mole)
153	15:12:40	N.D.	4.9	N.D.	2.7	N.D.	5.6	N.D.
154	15:13:57	15.9	4.6	N.D.	2.6	15.9	4.6	58.1
155	15:15:16	13.2	5.1	N.D.	2.8	13.2	5.1	58.1
156	15:16:33	12.3	5.2	N.D.	2.8	12.3	5.2	58.1
157	15:17:52	N.D.	5.1	N.D.	2.8	N.D.	5.8	N.D.
158	15:19:11	13.2	5.2	N.D.	2.8	13.2	5.2	58.1
159	15:20:29	22.2	4.7	N.D.	2.6	22.2	4.7	58.1
160	15:21:48	N.D.	5.4	N.D.	3.0	N.D.	6.2	N.D.
161	15:23:06	N.D.	5.5	N.D.	3.0	N.D.	6.3	N.D.
162	15:24:25	N.D.	4.7	N.D.	2.6	N.D.	5.4	N.D.
163	15:25:43	N.D.	4.4	N.D.	2.4	N.D.	5.0	N.D.
164	15:27:00	N.D.	5.0	N.D.	2.7	N.D.	5.7	N.D.
165	15:28:18	N.D.	4.2	N.D.	2.3	N.D.	4.8	N.D.
166	15:29:35	N.D.	4.7	N.D.	2.6	N.D.	5.4	N.D.
167	15:30:52	N.D.	4.2	N.D.	2.3	N.D.	4.8	N.D.
168	15:32:10	N.D.	4.1	N.D.	2.3	N.D.	4.7	N.D.
169	15:33:27	N.D.	5.3	N.D.	2.9	N.D.	6.0	N.D.
170	15:34:46	N.D.	4.8	N.D.	2.6	N.D.	5.5	N.D.
171	15:36:03	N.D.	5.1	N.D.	2.8	N.D.	5.8	N.D.
172	15:37:21	N.D.	5.5	N.D.	3.0	N.D.	6.3	N.D.
173	15:38:40	N.D.	5.3	N.D.	2.9	N.D.	6.0	N.D.
174	15:39:57	N.D.	5.5	N.D.	3.0	N.D.	6.3	N.D.
175	15:41:14	N.D.	6.3	N.D.	3.5	N.D.	7.2	N.D.
176	15:42:32	N.D.	6.9	N.D.	3.8	N.D.	7.9	N.D.
177	15:43:51	N.D.	6.1	N.D.	3.4	N.D.	7.0	N.D.
178	15:45:09	N.D.	5.0	N.D.	2.8	N.D.	5.7	N.D.
179	15:46:26	N.D.	5.9	N.D.	3.2	N.D.	6.7	N.D.
180	15:47:43	16.4	5.1	N.D.	2.8	16.4	5.1	58.1
181	15:49:00	N.D.	5.1	N.D.	2.8	N.D.	5.8	N.D.
182	15:50:17	N.D.	5.3	N.D.	2.9	N.D.	6.0	N.D.
183	15:51:35	14.7	5.3	N.D.	2.9	14.7	5.3	58.1
184	15:52:51	N.D.	5.6	N.D.	3.1	N.D.	6.4	N.D.
185	15:54:09	N.D.	7.3	N.D.	4.0	N.D.	8.3	N.D.
186	15:55:27	N.D.	9.9	N.D.	5.5	N.D.	11.3	N.D.
187	15:56:46	N.D.	6.4	N.D.	3.5	N.D.	7.3	N.D.
188	15:58:02	N.D.	6.7	N.D.	3.7	N.D.	7.7	N.D.
189	15:59:21	N.D.	6.6	N.D.	3.6	N.D.	7.5	N.D.
190	16:00:39	N.D.	6.4	N.D.	3.5	N.D.	7.3	N.D.
191	16:01:57	N.D.	7.0	N.D.	3.8	N.D.	8.0	N.D.
192	16:03:16	N.D.	6.4	N.D.	3.5	N.D.	7.3	N.D.
193	16:04:34	N.D.	7.5	N.D.	4.1	N.D.	8.5	N.D.
194	16:05:51	N.D.	7.1	N.D.	3.9	N.D.	8.1	N.D.
195	16:07:10	N.D.	7.5	N.D.	4.1	N.D.	8.5	N.D.
196	16:08:28	16.6	6.1	N.D.	3.4	16.6	6.1	58.1
197	16:09:48	N.D.	6.0	N.D.	3.3	N.D.	6.8	N.D.
198	16:11:07	N.D.	6.3	N.D.	3.5	N.D.	7.2	N.D.
199	16:12:26	17.8	6.1	N.D.	3.4	17.8	6.1	58.1
200	16:13:44	N.D.	6.9	N.D.	3.8	N.D.	7.9	N.D.
201	16:15:01	N.D.	5.2	N.D.	2.9	N.D.	6.0	N.D.
202	16:16:18	N.D.	6.0	N.D.	3.3	N.D.	6.8	N.D.
203	16:17:37	N.D.	5.2	N.D.	2.9	N.D.	6.0	N.D.
204	16:18:56	N.D.	7.5	N.D.	4.1	N.D.	8.5	N.D.

Frame	Time	n-Butane		n-Octane		Alkane (ppb)	2-Sigma (ppb)	Mean
		Concentration (ppb)	GOF (ppb)	Concentration (ppb)	GOF (ppb)			Mol. Mass (g/mole)
205	16:20:14	N.D.	5.7	N.D.	3.1	N.D.	6.5	N.D.
206	16:21:33	N.D.	5.8	N.D.	3.2	N.D.	6.6	N.D.
207	16:22:52	N.D.	5.4	N.D.	3.0	N.D.	6.2	N.D.
208	16:24:10	N.D.	6.0	N.D.	3.3	N.D.	6.8	N.D.
209	16:25:29	N.D.	6.3	N.D.	3.4	N.D.	7.2	N.D.
210	16:26:46	N.D.	5.4	N.D.	3.0	N.D.	6.2	N.D.
211	16:28:04	12.3	5.9	N.D.	3.2	12.3	5.9	58.1
212	16:29:23	N.D.	5.2	N.D.	2.8	N.D.	5.9	N.D.
213	16:30:42	N.D.	5.6	N.D.	3.1	N.D.	6.4	N.D.
214	16:32:00	N.D.	4.9	N.D.	2.7	N.D.	5.6	N.D.
215	16:33:19	N.D.	6.1	N.D.	3.4	N.D.	7.0	N.D.
216	16:34:38	N.D.	5.2	N.D.	2.9	N.D.	6.0	N.D.
217	16:35:58	N.D.	5.5	N.D.	3.0	N.D.	6.3	N.D.
218	16:37:15	13.9	5.7	N.D.	3.1	13.9	5.7	58.1
219	16:38:33	N.D.	7.5	N.D.	4.1	N.D.	8.5	N.D.
220	16:39:52	N.D.	6.1	N.D.	3.3	N.D.	6.9	N.D.
221	16:41:10	N.D.	6.3	N.D.	3.4	N.D.	7.2	N.D.
222	16:42:28	N.D.	5.5	N.D.	3.1	N.D.	6.3	N.D.
223	16:43:47	N.D.	5.8	N.D.	3.2	N.D.	6.6	N.D.
224	16:45:04	N.D.	7.0	N.D.	3.9	N.D.	8.0	N.D.
225	16:46:22	N.D.	5.9	N.D.	3.2	N.D.	6.7	N.D.
226	16:47:40	N.D.	6.3	N.D.	3.5	N.D.	7.2	N.D.
227	16:48:59	N.D.	5.7	N.D.	3.1	N.D.	6.5	N.D.